

Amendments to the Specification

Please add the following new heading before paragraph [0002]:

BACKGROUND

Please add the following new heading before paragraph [0017]:

SUMMARY OF THE INVENTION

Please replace paragraph [0017] with the following amended paragraph:

[0017] ~~The~~ An object of the present invention is to ~~create~~ provide a system ~~according to the definition of the species of Claim 1~~ for generating information about data objects, and an information model for data objects, wherein each data object represents one of a component of a technical product and a step in a product formation process, and an information model according to the definition of the species of Claim 13 which do not require an intermediate model and by which the automatically analyzable specifications for dependencies among data objects may be created, expanded, modified, stored and deleted efficiently and without redundancy.

Please delete paragraph [0018].

Please add new paragraph [0018.1] as follows:

[0018.1] The present invention provides a system for generating information about data objects, wherein each data object represents one of a component of a technical product and a step in a product formation process, the system comprising:

a device configured to generate data object types for the data objects;

a device configured to generate automatically analyzable specifications, wherein an analysis of the specification determines a first set of type-coded data objects as a function of a second set of type-coded data objects;

a device configured to generate relation types between the data objects;

a device configured to assign the data object types to each of the relation types; and

a device configured to assign the automatically analyzable specifications to the relation types.

Please add new paragraph [0018.2] as follows:

[0018.2] The present also provides a system for generating information about data objects, wherein each data object represents a step in a product formation process having a first phase and a second phase, the system comprising:

- a device configured to generate data object types for the data objects;

- a device configured to generate automatically analyzable specifications, wherein an analysis of the specification determines a first set of type-coded data objects as a function of a second set of type-coded data objects;

- a device configured to assign one of the data object types to at least one of the first and second phases;

- a device configured to generate a single taxonomy for data object types assigned to the first phase and for data object types assigned to the second phase.

Please add new paragraph [0018.3] as follows:

[0018.3] In addition, the present invention provides an information model for data objects, wherein each data object represents a step in a product formation process having at least a first phase and a second phase, the information model comprising:

- data object types of the data objects;

- relation types of relations among the data objects;

- an automatically analyzable specification, wherein an analysis of the specification determines a first set of type-coded data objects as a function of a second set of type-coded data objects, and wherein the automatically analyzable specification is assignable to a relation type and wherein, at least one of the following is assigned to a relation type:

- at least two data object types;

- at least one data object type and at least one other relation type; and

- at least two other relation types.

Please add the following new heading before paragraph [0042]:

BRIEF DESCRIPTION OF THE DRAWINGS

Please add the following new heading before paragraph [0046]: